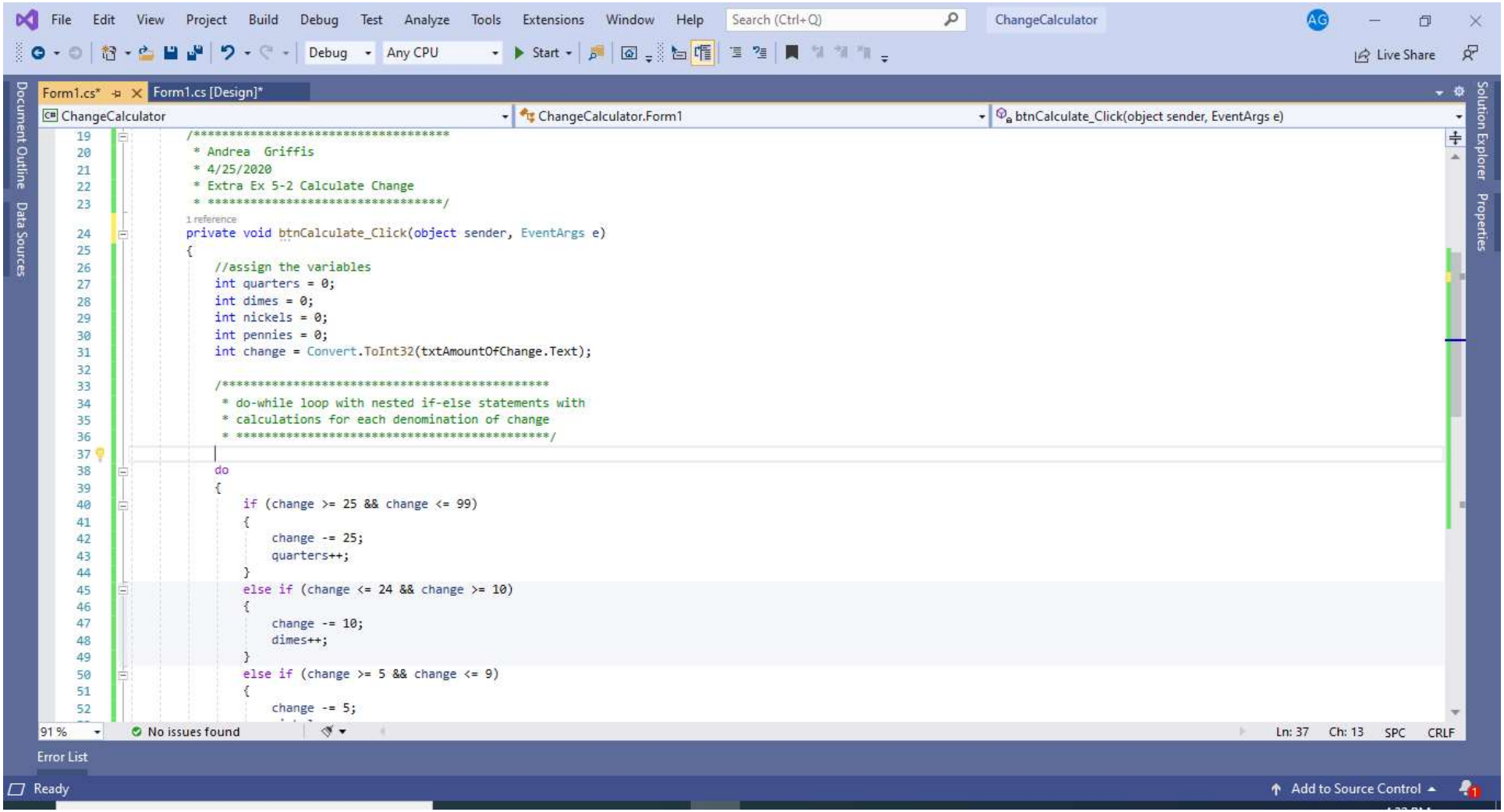
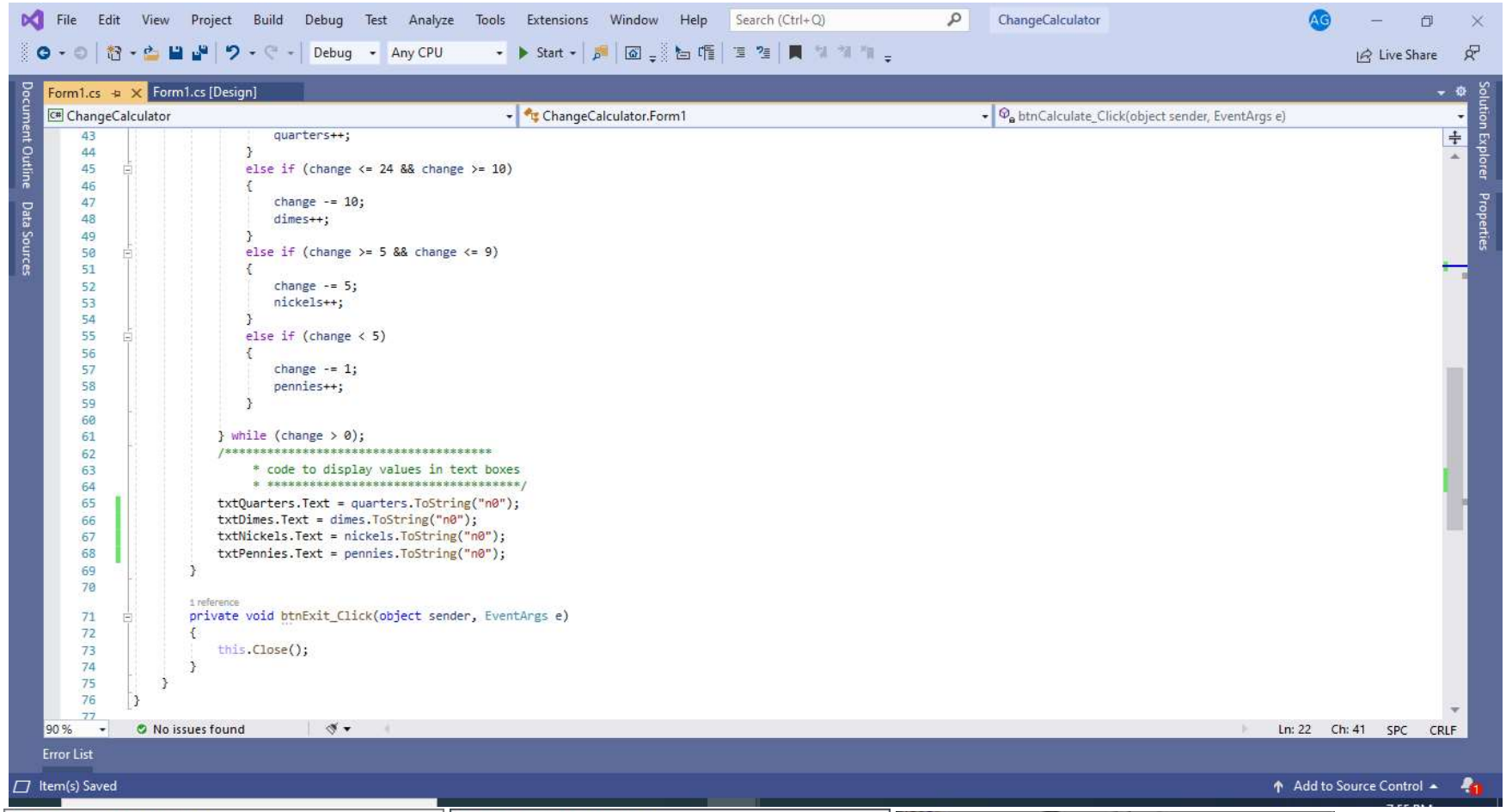
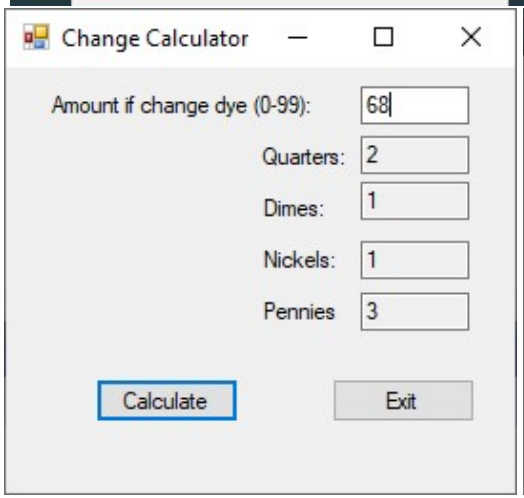
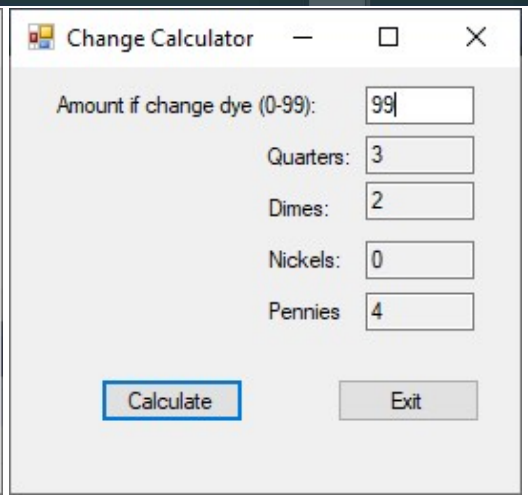
Andrea Griffis
CIS 123 C#
Assignment: Week 3 Murach Coding Assignments (Individual)

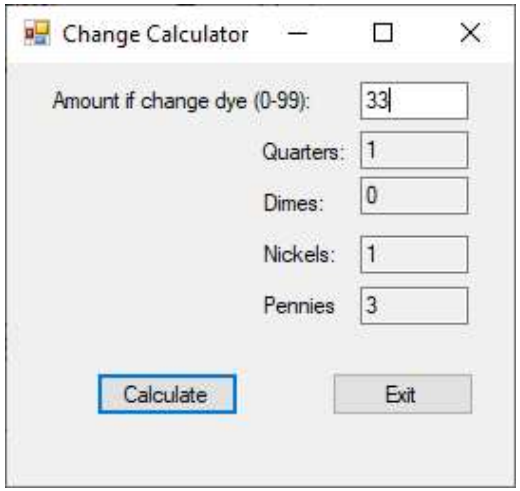
Extra Exercise 5-2 Calculate Change




File Edit View Project Build Debug Test Analyze Tools Extensions Window Help
Search (Ctrl+Q)
ChangeCalculator
Debug
Any CPU
Start
Live Share
Form1.cs
Form1.cs [Design]
ChangeCalculator
ChangeCalculator.Form1
btnCalculate_Click(object sender, EventArgs e)
quarters++;
}
else if (change <= 24 && change >= 10)
{
change -= 10;
dimes++;
}
else if (change >= 5 && change <= 9)
{
change -= 5;
nickels++;
}
else if (change < 5)
{
change -= 1;
pennies++;
}
} while (change > 0);
/**********
* code to display values in text boxes
**********/
txtQuarters.Text = quarters.ToString("n0");
txtDimes.Text = dimes.ToString("n0");
txtNickels.Text = nickels.ToString("n0");
txtPennies.Text = pennies.ToString("n0");
}
1 reference
private void btnExit_Click(object sender, EventArgs e)
{
this.Close();
}
}
}
90 %
No issues found
Ln: 22 Ch: 41 SPC CRLF
Error List
Item(s) Saved
Add to Source Control
Document Outline
Data Sources
Solution Explorer
Properties

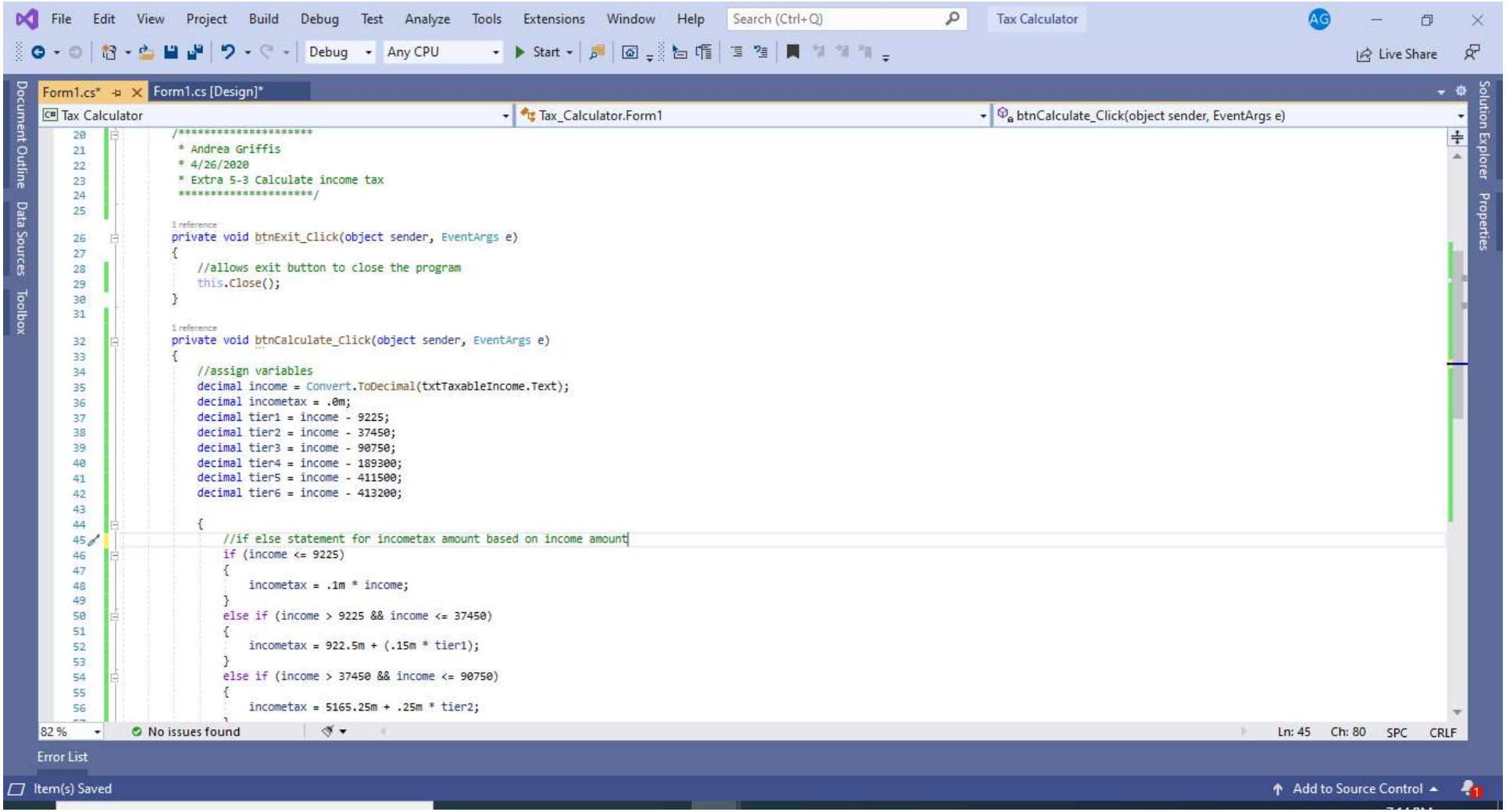

Change Calculator
Amount if change dye (0-99): 68
Quarters: 2
Dimes: 1
Nickels: 1
Pennies 3
Calculate
Exit

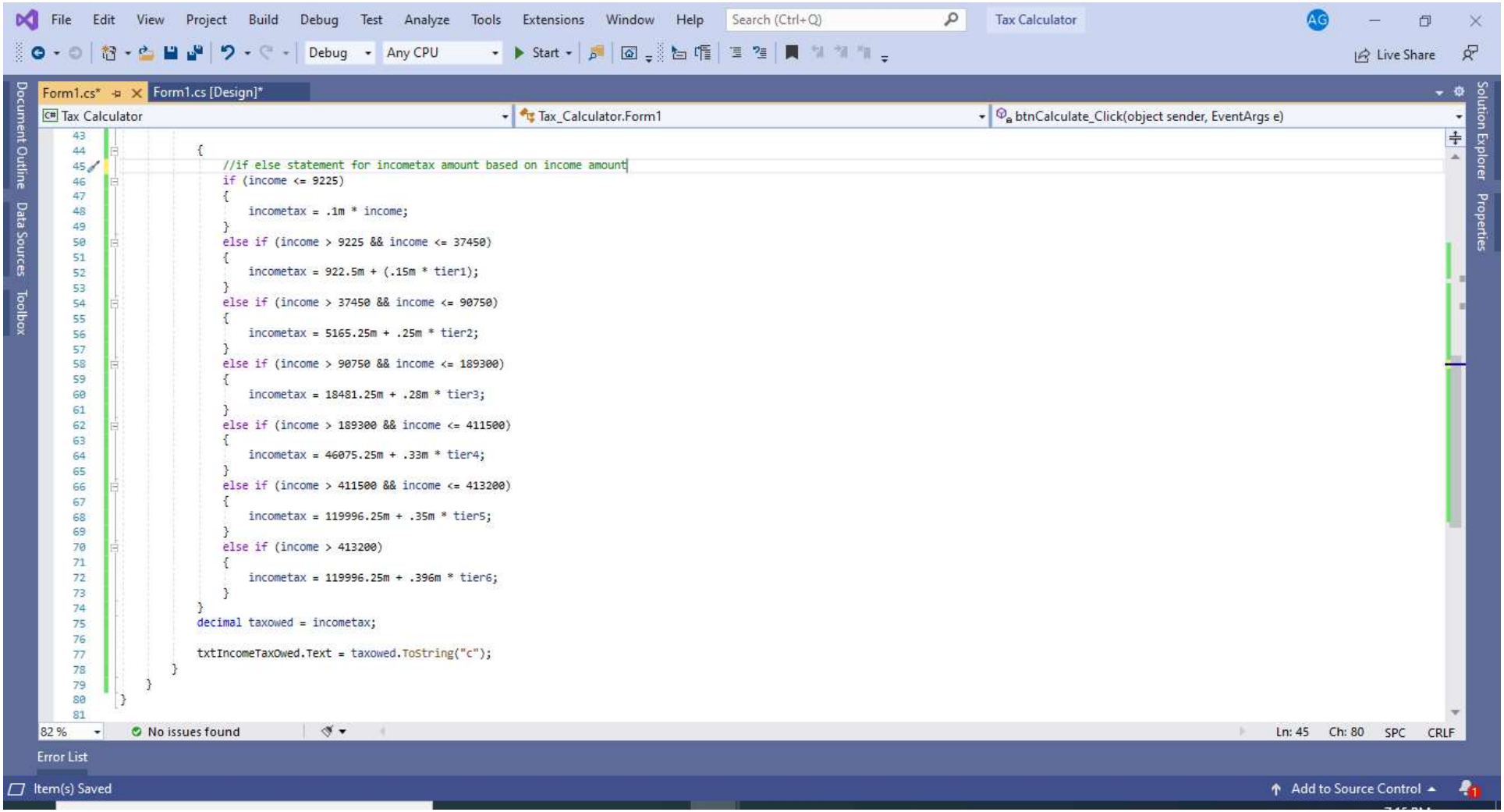

Change Calculator
Amount if change dye (0-99): 99
Quarters: 3
Dimes: 2
Nickels: 0
Pennies 4
Calculate
Exit

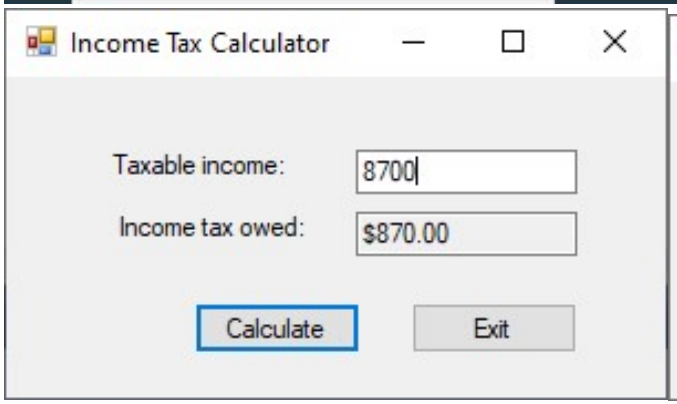

Change Calculator
Amount if change dye (0-99): 33
Quarters: 1
Dimes: 0
Nickels: 1
Pennies 3
Calculate
Exit

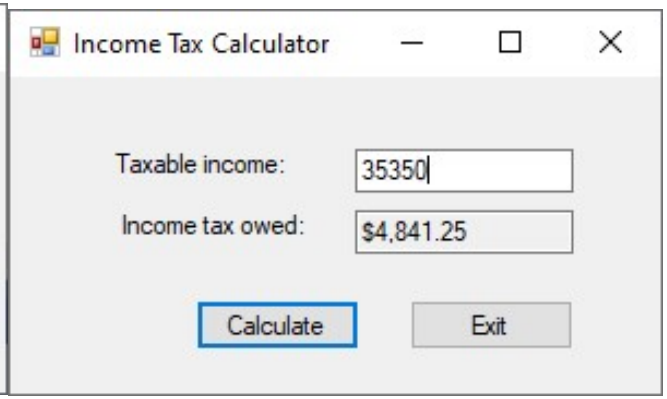
Extra Exercise 5-3 Calculate Income Tax
VIDEO>> http://youtu.be/AueWbSV-1Tw?hd=1

I was a little stuck on this one as the example in the exercise says to use 8700 and 35350 then it will bring you 870 and 4840.50. However, the calculations states that the income tax for and income of 35350 is 15% on the amount over 9225 plus 922.50. According to my calculations below it should be 4841.25 not 4840.50
35350 – 9225 = 26125; 15% of 26125 is 3918.75; 3918.75 + 922.50=4841.25, I'm not sure how to get 4840.50




File Edit View Project Build Debug Test Analyze Tools Extensions Window Help
Search (Ctrl+Q)
Tax Calculator
Debug
Any CPU
Start
Live Share
Form1.cs* Form1.cs [Design]*
Tax Calculator
Tax_Calculator.Form1
btnCalculate_Click(object sender, EventArgs e)
{
//if else statement for incometax amount based on income amount
if (income <= 9225)
{
incometax = .1m * income;
}
else if (income > 9225 && income <= 37450)
{
incometax = 922.5m + (.15m * tier1);
}
else if (income > 37450 && income <= 90750)
{
incometax = 5165.25m + .25m * tier2;
}
else if (income > 90750 && income <= 189300)
{
incometax = 18481.25m + .28m * tier3;
}
else if (income > 189300 && income <= 411500)
{
incometax = 46075.25m + .33m * tier4;
}
else if (income > 411500 && income <= 413200)
{
incometax = 119996.25m + .35m * tier5;
}
else if (income > 413200)
{
incometax = 119996.25m + .396m * tier6;
}
}
decimal taxowed = incometax;
txtIncomeTaxOwed.Text = taxowed.ToString("c");
}
}
}
82 %
No issues found
Ln: 45 Ch: 80 SPC CRLF
Error List
Item(s) Saved
Add to Source Control
Solution Explorer
Properties
Document Outline
Data Sources
Toolbox


Income Tax Calculator
Taxable income:
8700
Income tax owed:
$870.00
Calculate
Exit


Income Tax Calculator
Taxable income:
35350
Income tax owed:
$4,841.25
Calculate
Exit